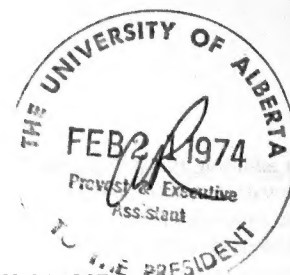


# FOLIO



THE UNIVERSITY OF ALBERTA STAFF BULLETIN

EDMONTON, ALBERTA

FEBRUARY 21, 1974

## Sabbatical leave policy: a proposal for change

*At its meeting on November 16, 1973, the Board of Governors gave approval in principle to a proposal for a new policy on sabbatical leave and sent it to the Association of the Academic Staff of The University of Alberta (AASUA) with a request for comments.*

*The Executive of the AASUA has considered this proposal and will submit its views shortly to the membership in a Newsletter.*

*The report which follows is in the form of proposed changes to the current sabbatical leave policy, with a draft of revised Faculty Handbook regulations embodying the principles set out in the report.*

### PREAMBLE

A. Sabbatical leaves result in advantages to the faculty member, the student, and the university. There are disadvantages too but, while it is impossible to quantify either advantages or disadvantages, it would seem that the former outweigh the latter.

B. Sabbatical leaves are a fact of life at universities and will undoubtedly continue to be so, as long as universities retain their autonomy.

C. There is evidence of a certain amount of public discontent over the apparently liberal provisions for sabbatical leave at The University of Alberta.

D. Current economic conditions, as well as the long range goals of the university, should be kept in mind in determining a sabbatical leave policy at a university.

E. In comparison to the 1960s when the University experienced a rapid growth in

faculty, the present situation is one of relative stability. With the appointment of fewer new staff, the University must guard against a possible decline in the introduction of new ideas and approaches to the University. This means that the University must be more reliant on existing faculty for the infusion of these new ideas, etc. One method of accomplishing this is through a rational policy of leaves.

F. Sabbatical leave policies are not included in Part I of the *Faculty Handbook* and are not an integral part of the appointment contract between the faculty member and the University. Therefore, modifications to present sabbatical policies can be legally made. It would not, however, be wise to make such modifications unilaterally.

### PROPOSED POLICY

With the above as preamble, a proposed sabbatical leave policy for this University is set out below. The proposal is in the form of general principles. A draft of the "Faculty Handbook" Regulations follows embodying the principles set out in the Report.

There are five variables to a sabbatical leave policy:

- (a) How often?
- (b) How long?
- (c) How much financial support should the sabbaticant receive while on leave?
- (d) To what extent should there be controls over the numbers going on leave? and
- (e) What is the faculty member's obligation to the University if he is granted sabbatical leave?

The first of the variables relates to the eligibility requirements. How many years of service to the University are required before a faculty member is eligible for leave? The second variable is with respect to the length of time a sabbaticant is away in any given leave period. Obviously, the longer he is away, the more the disruption to the normal academic program at the University. The third variable is concerned with what the sabbatical salary should be. Should it be a fraction of normal salary, and, if so, what should that fraction be? On the other hand, should there be any reduction in the sabbatical salary? The fourth variable is with respect to whether or not artificial controls should be established by the Board (or other University bodies) in order to limit the number of faculty members away on sabbatical leave at any one time. Prior to 1972-73, the Board used a "rule-of-thumb" whereby no more than five percent of faculty would be on sabbatical at any one time. Although there seems to be some confusion as to how it came about, this was changed in 1972-73 and the existing situation is that all those eligible for leave may take such leave—provided it is practical for a department to allow a faculty member to go in a particular year. The fifth variable is whether or not the faculty member has an obligation to return to the University following sabbatical leave. Should such an obligation (if any) be moral or legal? Should there be financial sanctions if a faculty member fails to return to the service of the University? Each main point is followed by sub-points, rationale, comments and side-effects, where applicable. It should be pointed out that, compared to the present regulations, the proposal is more liberal in certain aspects and more conservative in others. Therefore, the following should be considered as a whole—and not by individual points.

### The general principles

1. "Sabbatical" leave to be called "study" leave.
2. Eligibility for regular study leave to be six years of service to the University.

The basic eligibility requirement would be unchanged from that of the present regulations. Although there is nothing magic about a system of six years' service—break—six years' service—break, etc., it seems to be reasonable.

### APPOINTMENT

DONALD F. CAMERON, Associate Dean of Medicine since 1965, will succeed WALTER C. MAC KENZIE as Dean of the Faculty, effective July 1, 1974. Dr. Cameron has long been associated with the teaching of medicine at the University. He earned his BA (1947) and MD (1949) here, then joined the staff to teach in the departments of Pharmacology and Anaesthesia. He was Acting Dean of the Faculty during the 1971-72 academic year. Dr. Cameron has been active in the development of the medical faculty, as chairman of the building committee for the Clinical Sciences Building and as a member of the long-range planning committee for the Health Sciences Centre.



In addition, this policy seems to be the most prevalent at other universities—although there are some which have shorter cycles, e.g., the University of British Columbia with four years' service for leave eligibility.

3. *Regular study leave to be one-half year (or one academic term) in duration.*

3a. Study leave for a period of one year may be taken—but with a reduction in monthly leave salary.

3b. Regular study leave periods to be either July 1 - December 31 or January 1 - June 30.

The present regulations call for regular sabbatical leaves to be one year in duration with the sabbaticant away from campus for two academic terms. The suggested change to leaves of one-half year duration is predicated on two observations: (1) the absence of a faculty member for one full year causes a significant disruption to the academic program of a department and to the students; and (2) the majority of leave projects could be completed in less than one year. If a faculty member is off campus for one academic term, the chances are that arrangements could be made so that he would not have to be replaced during that term. For example, his courses could be "not offered" during that particular term. The program of a student is flexible enough so that if a course is not available in a particular term he could take that course in the following term, etc. This may not be the case if a faculty member is away for two consecutive terms. The proposal here is, obviously, to minimize the disruption to the University and to the students. It is felt, however, that most research projects would not suffer significantly with the reduced duration of the leave. Two points should be kept in mind here: (1) the actual time away from campus would likely be about eight months, i.e., end of April - early January or mid-December - early September; and (2) the duties/responsibilities of a faculty member are not as "confining" as those of a businessman, civil servant, or even of a school teacher. His formal teaching responsibilities extend only from early September to mid April and arrangements can be made for a faculty member to be off campus from mid-April to early September to pursue various academic interests during regular non-leave years. In addition, the very nature of a faculty member's regular responsibilities requires that he "keep up" with his discipline through reading, attendance at short conferences, symposia, etc.

The policy should be flexible enough to allow some leaves to be longer than six months. There may well be some research projects which require more time to complete.

However, longer leave periods are more disadvantageous to the University and, therefore, there should be some "deterrent" to the faculty member for taking the longer leave. It is suggested that the monthly leave salary be reduced in such cases. (See point 4, below.)

Another situation where a longer leave may be necessary is where a faculty member has just completed a period as department chairman, dean, director, associate dean, vice-president, associate vice-president or president. In such cases the faculty member is normally unable to "keep up" with his discipline while serving as an administrator and, therefore, should be given special consideration.

4. *Salary during regular six-month study leaves to be at the rate of 100 percent of normal salary.*

4a. Salary during a full-year leave to be at the rate of 60 percent of normal salary.<sup>1</sup>

4b. Chairmen of departments, deans of faculties, associate deans of faculties, directors of schools, vice-presidents, associate vice-presidents and president, on completion of five years' service in that capacity, may receive full-year study leave with 100 percent salary, depending on the particular circumstances, such leaves to be approved by the Board.

4c. Salary not to be affected by receipt of outside grants, fellowships, etc.

If study leaves are of advantage both to the faculty member and to the University, it is difficult to rationalize a policy which provides the faculty member with a salary which is less than his normal salary—when there is a minimum disruption to the academic program and where no leave replacement is required. Therefore, it is suggested that salaries during regular six-month leaves be at full rate. However, with respect to full-year leaves there is obviously more disruption and replacements may have to be made. Obviously, this is less advantageous to the University and the faculty member should be "deterred" in some way. It is suggested that the full-year leave salary be at the rate of 60 percent of normal

salary. The salary saving (40 percent) should be sufficient to pay for a sessional replacement.

One point that is often overlooked is the availability of outside assistance for faculty members from agencies such as the National Research Council, Canada Council, etc. In many cases, faculty receive financial assistance to compensate them for the difference between leave salary and normal salary. It is suggested that these sources might be utilized to a greater extent—especially by those who receive leave salaries of 60 percent of normal. In this connection, it is proposed that the University not attempt to control the amounts of funds that those on leave receive from outside sources—as is the case at the present time. The present regulation states that "if the sum of the outside assistance and the sabbatical salary, less reasonable travel costs, exceeds the basic University salary, then the sabbatical salary will be reduced to maintain the total figure at the basic University salary." It has proven most difficult to administer this policy and it is suggested that it be eliminated. However, the regulations should continue to provide that faculty members should *not accept paid employment* while on leave.

One of the side-effects of the above proposals would be the elimination of the present six-month sabbatical policy.

5. *The Board would not set limits as to the number of faculty members who could be on study leave at any one time.*

For many years, the Board followed a rule-of-thumb to the effect that no more than 5 percent of faculty could be on sabbatical leave at any one time. This was changed in 1972-73 when the Board approved General Faculties Council recommendations re sabbatical approval procedures. The new regulations are such that any eligible staff member may go on sabbatical leave provided that his absence can be "handled" by his department and faculty. That is, the number of sabbatical leaves is governed in large part by the departments themselves. It is suggested that, when combined with the various other points suggested in this paper, the present policy is wise. Use of an arbitrary limit, such as 5 percent, implies priorities and these, in turn, imply that somebody must decide whether one leave project is "better" than another. It is felt that the academic department itself is the best judge of such applications and an all University limit is impossible to implement at the department level. In addition, it is inconsistent to advertise a leave policy which indicates that faculty are eligible after so many years and then to impose a

1 NOTE: As a point of clarification, the policy of 100 percent salary for regular 6-month leaves and 60 percent salary for full year leaves is *not* meant to imply that a faculty member could take leave of 6 months at 100 percent salary immediately followed by another 6 months at 60 percent. The two types of leave are completely separate and a faculty member would choose one or the other and not a combination of the two.

limit as to the number of leaves, thereby negating the advertised policy. A disclaimer such as appears in the *Faculty Handbook* is not sufficient, viz., "... sabbatical leave will be granted to the most deserving applicants up to the practicable limit." Which practicable limit?

6. *The faculty member is expected to return to the service of the University following his study leave.*

The present regulations require the faculty member going on sabbatical leave to sign an agreement to the effect that he will return to the service of the University following the leave and remain in such service for at least six months; should he fail to return or should he serve less than six months following his return he must repay 12½ percent of his sabbatical salary. It is proposed that the legal obligation to return be eliminated; that is, we should not require the faculty member to sign a legal document in which he agrees to return. This would be replaced by a statement in the regulations to the effect that the faculty member would be "expected to return to the service following his leave period." There would be no financial penalty if he failed to do so.

On return from leave, faculty would be required to submit reports on their leave programs to their deans and department chairmen.

#### Summary

In summary, the five general principles of the suggested study leave policy are as follows: (1) eligibility is six years of service; (2) regular leave is to be for one-half year; (3) salary during regular half-year leave to be 100 percent of normal salary; (4) no Board limit as to the numbers going on leave; and (5) moral obligation to return following leave.

#### PROPOSED REVISIONS TO FACULTY HANDBOOK

##### 201.0 Leaves

201.1 Several types of leave are available. These include: (1) study leave; (2) assisted leave; (3) leave to hold political office; and (4) leaves with or without pay.

201.2 Procedures for application for and approval of leaves are as established from time to time by General Faculties Council. Details of current regulations should be obtained from the Office of the Vice-President (Academic).

201.3 Details with respect to participation in staff benefits during leave should be obtained from the Office of the Vice-President (Academic).

201.4 For those leaves other than study leave which involve financial assistance from the University, the faculty member must sign an agreement undertaking to return to the service of the University for two years on completion of the leave period or, alternatively, to refund 1/24 of the financial assistance received from the University for each month of the two year period not served.

##### 201A.0 Study Leave

201A.1 A full-time faculty member is eligible for study leave after serving the University for six years as a full-time faculty member, or after serving for six years following a previous period of leave for which financial assistance was provided by the University. In the case of disputes with respect to leave eligibility, decisions will be made by the Vice-President (Academic) whose decision will be final.

201A.2 The study leave period will be *either* one year *or* six months. In the case of six month leaves, the leave period will be either July 1 - December 31 or January 1 - June 30.

201A.3 Salary during study leave will be:

(1) In the case of year leaves, at the monthly rate of sixty percent (60%) of regular University salary at the commencement of leave, to be paid in twelve monthly installments over the leave period, in arrears.

(2) In the case of six month leaves, at the monthly rate of one hundred percent (100%) of regular University salary at the commencement of leave, to be paid in six monthly installments over the leave period, in arrears.

If, during the leave period, a faculty member's regular University salary is increased, the leave salary will be adjusted accordingly during the remainder of the leave period.

201A.4 The faculty member is expected to return to the service of the University following the leave period.

201A.5 The faculty member is required to submit a report covering his leave activities, on return from leave. Copies of such a report are to be sent to the faculty member's department chairman and dean.

201A.6 The faculty member who has been granted study leave may receive outside assistance in the form of grants or scholarships, but may not accept work for which he will be paid a salary.

201A.7 Subject to the policy of General Promotions and Salaries Committee the faculty member's progress through the salary steps of

the various ranks will not be affected by the taking of study leave.

201A.8 While study leave is not primarily intended to permit a faculty member to carry out studies leading to an advanced degree, it is permissible to do so.

201A.9 Normally, study leave is tenable away from the University, but consideration will be given to leave programs involving work to be done at this University.

201A.10 In the case of a department chairman, a dean of a faculty, a director of a school, an associate dean of a faculty, an associate vice-president, a vice-president, and the president, if such a faculty member has served the University for at least five consecutive years in that administrative capacity or any combination thereof, consideration will be given to the granting of study leaves which will contain more generous provisions than those indicated under clause 201A.3 above. Depending on the particular circumstances such a faculty member may be granted study leave of one year with a salary of one hundred percent (100%) of regular University salary excluding any honorarium received at the commencement of leave. This salary is to be paid in twelve equal monthly installments over the leave period, in arrears. These leaves will be approved by the Board of Governors. All other terms and conditions of the study leave regulations will apply.

201A.11 Study leave is not granted automatically. Considerations must be given as to whether arrangements satisfactory to the chairman of the department and the dean of the faculty can be made to carry on the work of the department in the faculty member's absence and whether the program planned will be to the mutual advantage of the faculty member and the University. Within this general framework, study leave will be granted to the most deserving applicants.

## AGENDA FOR GENERAL FACULTIES COUNCIL MEETING

*The following agenda has been received from MARGARET MIDGLEY, Secretary to General Faculties Council.*

A meeting of General Faculties Council will be held Monday, February 25 at 2 p.m. in the Council Chamber, University Hall.

1. Approval of the agenda.
2. Approval of the minutes.
3. Question period: questions from K. L.

- GUPTA regarding research contracts.  
4. Executive Committee report.

*Business arising from the minutes of January 28, 1974*

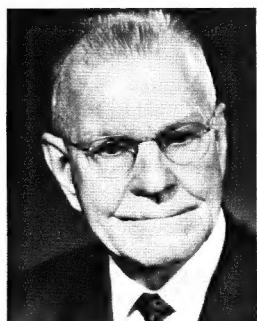
5. General Faculties Council committees: proposal from E. E. DANIEL.

#### *New business*

6. Appeals Committee on Salaries and Promotions: Kreisel/Allen Position Paper.
7. Graduate student representation on General Faculties Council: proposal for new election procedures.
8. Collège Universitaire Saint-Jean: Academic Development Committee Report on Renewal Agreement.
9. Composition of the General Faculties Council Executive Committee: proposal to replace an academic staff member by an undergraduate student.
10. University Discipline, Law and Order Tribunals: clarification of procedures.
11. Nominating Committee: report.
12. Other business.

## ENERGY EXPERT TO SPEAK HERE

One of the world's leading authorities on world energy is to give an address on campus next week. M. KING HUBBERT, Research



Geophysicist for the United States Geological Survey, Washington D.C., and Distinguished Lecturer sponsored by the American Association of Petroleum Geologists, will address members of the Edmonton Geological Society and University

students and faculty Wednesday, February 27 at 8 p.m. in the Physics Building auditorium, room 126. His subject will be "The world's energy economy."

Before joining the United States Geological Survey, Dr. Hubbert was associated with Stanford and Columbia Universities, Shell Development Company, Amerada Petroleum Corporation, and the Illinois State Geological Survey. During World War II he conducted mineral resource studies with the Board of Economic Warfare.

Dr. Hubbert has made significant contributions in the fields of ground-water motion and structural geology and has received many awards. Twenty years ago he warned of an impending petroleum shortage

in the United States, and in 1968 his work was included in "Resources and Man," a report of the National Academy of Sciences/National Research Council.

The public is invited to attend the lecture.

## SENATE MEETING

The Spring meeting of the University Senate is scheduled for Friday, March 8 at Lister Hall. The meeting is open to the public and will begin at 9:30 a.m.

Items on the agenda include: the Extension function at the University; the education of native peoples and The University of Alberta; the future of the Extension Library; community-oriented publications: University of Alberta; Universities Act review: Senate; future of the University Farm and West 240; the physical planning process at the University; the Senate as an academic planning mechanism; and quotas.

RONALD DALBY, Chancellor-elect, will be introduced at the meeting.

## VISITORS

■ TERRY WINOGRAD of Stanford University led a colloquium in the Department of Computing Science.

■ DENNIS CHAPMAN, Department of Chemistry, the University of Sheffield, England, conducted a seminar in the Department of Biochemistry.

## PEOPLE

■ T. H. PATCHING, Professor of Mineral Engineering, has been invited by DONALD S. MACDONALD, Minister of Energy, Mines, and Resources Canada, to serve again as a member of the National Advisory Committee on Mining and Metallurgical Research, for 1974.

■ KAROL KROTKI, Professor of Sociology, has been awarded a grant of \$16,000 by Canada Council for the continuation of his studies in North African demography.

■ J. M. SMALL, Associate Professor of Educational Administration, attended an invitational conference in Toronto sponsored by the Canadian Association for Adult Education. The meeting brought together representatives from the federal government, business, and education to consider strategies to implement the principle of life-long learning.

■ GERALDINE FARMER, Professor of Secondary Education, was in Ottawa to attend a meeting of the Advisory Board on Adult

Occupational Training, of which she is a member.

■ J. W. CHALMERS, Associate Professor of Educational Foundations, has been appointed to the Edmonton Historical Board for a three-year term.

■ During a recent visit to the United Kingdom, D. W. R. WILSON, Associate Professor of Elementary Education and Geology, attended conferences at the Universities of Hull, Birmingham, and Newcastle-Upon-Tyne. He also consulted with colleagues at the Universities of Cambridge and Lancaster, the National Institute of Oceanography, the Royal Observatory, and the Research Department of the British Museum.

■ D. D. BETTS, Director of the Theoretical Physics Institute, conducted a seminar on critical phenomena at the University of British Columbia.

■ L. C. GREEN, University Professor in the Department of Political Science, presented a paper to the Conference of the Canadian Council on International Law, in Ottawa.

■ MILAN V. DIMIC, Professor and Chairman of Comparative Literature, has accepted an invitation to deliver public lectures at the Universities of Waterloo, Toronto, and McGill during March. Dr. Dimic will also participate in a symposium organized by the International Comparative Literature Association and the Innsbruck Institute of General and Comparative Literature (Austria).

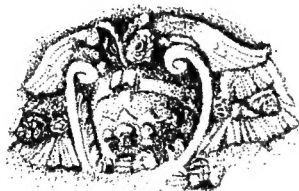
■ Several members of the Department of Chemical Engineering attended a recent meeting of the American Catalysis Society in San Francisco. S. E. WANKE presented a paper co-authored by doctoral candidate PETER FLYNN, and doctoral candidate C. L. LIU presented a paper co-authored by I. G. DALLA LANA.

■ J. C. MAC KENZIE, Associate Professor of Philosophy, read a paper to the Staff Research Seminar at the University of Dundee while on sabbatical leave in Scotland.

■ M. E. EVANS, Assistant Professor of Physics, conducted a colloquium on the physical basis of paleomagnetism, in the Department of Geophysics and Astronomy at the University of British Columbia.

■ REGNA DARNELL, Associate Professor of Anthropology, was the program co-ordinator for a conference on Multiculturalism and Language Teaching Materials sponsored by the Vanek Institute of Canadian Languages and Cultures. Other University participants were RUTH GRUHN, Associate Professor of Anthropology; STEPHEN CAREY, Assistant Professor, Collège Universitaire Saint-Jean; and THOMAS PRIESTLY, Assistant Professor of Slavic Languages.

# The Stone Owl



## NUMBERS GAMES

The science of mathematics and the tools for calculating have come a long way from the Babylonian number system that existed 4,000 years ago. Some of the steps along the way—recent in one sense, archaic in another—are depicted on the March monthly calendar (see pages six and seven).

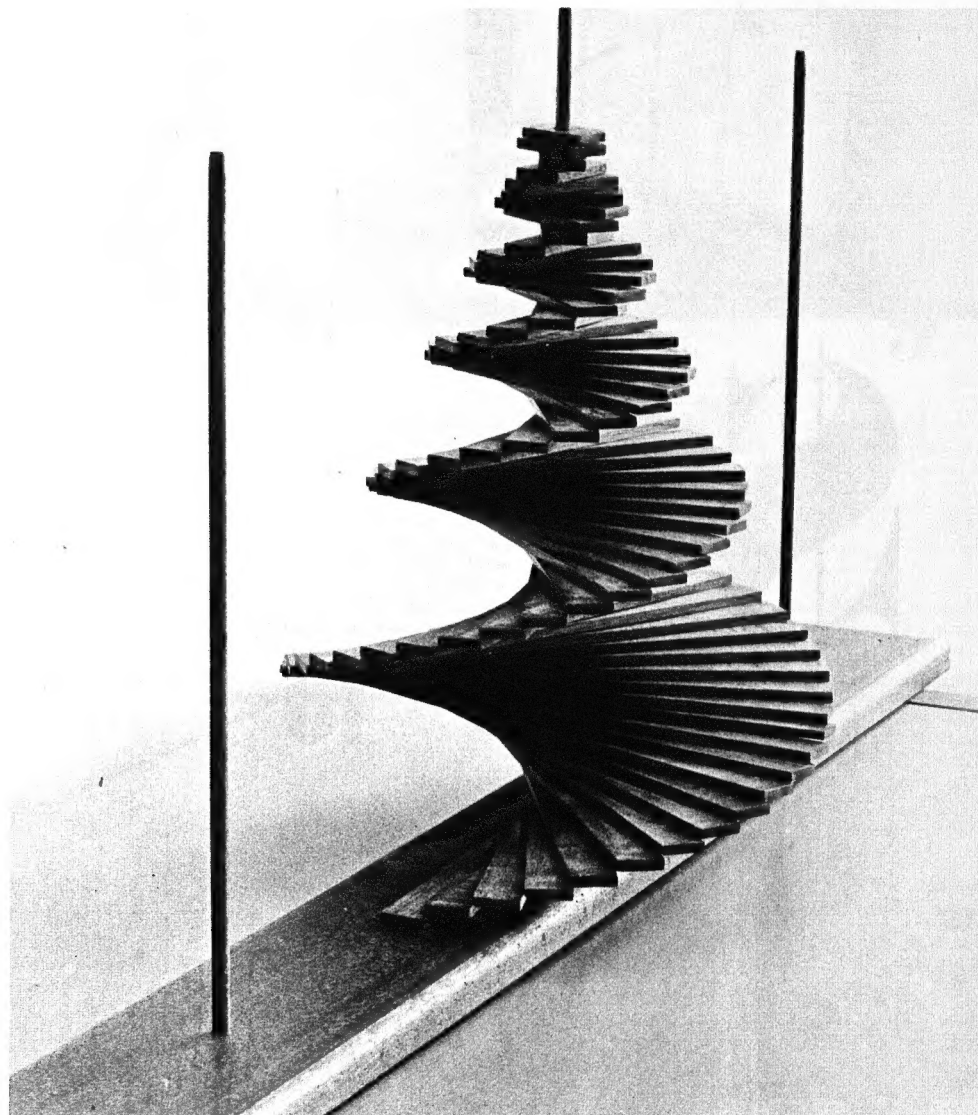
Beginning at the top and moving counter-clockwise, there are four calculators. The first is a Keuffel and Esser. It has a number of scales on a long cyclinder which revolves when turned by the wood knobs at each end. Next is the "Millionaire," first patented in the United States on May 7, 1895. The one that resembles a camera lens is "The Curta," considered a modern, very compact calculating machine before pocket calculators came along. The photo at the bottom of the column shows a Monroe desk calculator.

All of the calculating machines are on display in the Department of Mathematics, in a case near the elevator on the sixth floor of the Central Academic Building.

The display also includes a Tower of Hanoi (right) built by FRED USTINA, Associate Professor of Mathematics. Dr. Ustina designed it for his department's production of a 13-program series, "The World of Mathematics," which was telecast by MEETA in 1970.

The object of the Tower game is to transfer the 64 pieces from one peg to another, moving one piece at a time and always placing it on another peg in such a way that each piece is smaller than the one below it. It is easily shown that this game would take  $2^{64}-1$  or, with 64 pieces,  $2^{64}-1$  moves. This is in excess of  $18.4 \times 10^{18}$  moves. Allowing one second per move and assuming no errors, a person working 24 hours per day would require 600 billion years to complete the game.

The origin of the Tower is somewhat unclear. One source indicates it is based on a legend about a Chinese peasant who, wishing to honor his emperor, invented for him the game of chess and its 64-square board. The emperor was impressed with the challenge posed by the game and asked the peasant in what lavish way he could repay him. The peasant, humble soul that he was, astonished the emperor by asking only for "a grain of rice for the first square of the board, two



grains of rice for the second square, four grains for the third square, eight grains for the fourth square . . ." The annual world production of rice would not be enough to fulfill the peasant's humble request.

Another version, found in Howard Eves's *Mathematical Circles Revisited*, says the Tower of Hanoi was invented in 1883 by M. Claus (anagram for M. François Edouard Anatole Lucas), Mandarin of the College of Li-Sou-Stian. The author's account of the Mandarin's own story follows:

"When Mandarin Claus was traveling in connection with research on the works of Fer-Fer-Tam-Tam (Fermat), he came upon the great temple at Benares. Beneath the dome of this temple is a brass plate that marks the centre of the world, and there are three diamond needles each a cubit high fixed to the plate. On one of these needles

God placed, at the Creation, a stack of sixty-four disks of pure gold, decreasing in size from the bottom of the stack up. This stack of disks is the Tower of Brahma and, day and night without rest, the priests of the temple transfer the disks from one diamond needle to another according to the immutable laws of Brahma, which require that the priests move only one disk at a time and never place any disk on a needle already holding a smaller disk. When all sixty-four disks shall in this way finally be transferred from the needle on which God originally placed them to one of the other needles, the tower, the temple, and the priests will crumble into dust, and with a thunderclap the world will vanish."

Maybe it's time to worry about how long those priests have been at it.

—MED



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# FOLIO Monthly Calendar

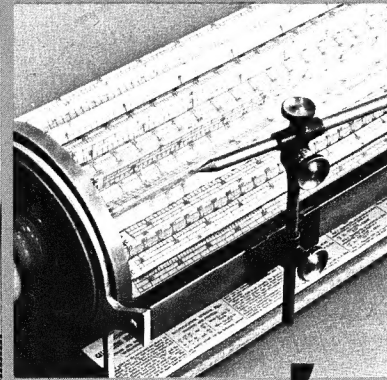
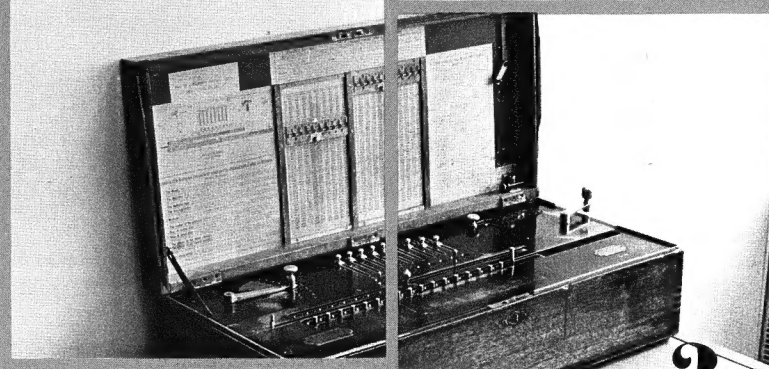
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FOLIO MONTHLY CALENDAR lists the University's important meetings. Use it for your own appointments and memos. Entries for the April 1974 Calendar should be received before March 15. Compiled by NORMA GUTTERIDGE, telephone 432-4991.



## February 1974

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- Last day for applications for admission to Dentistry.
- Last day for withdrawing from full-session and second term courses in the Faculty of Agriculture and Forestry.
- 9 a.m. Meeting of the Board of Governors.

- Last day for withdrawing from second term courses in the faculties of Arts, Education, and Science, and in Collège Universitaire Saint-Jean.
- 9 a.m. Meeting of the Campus Development Committee.
- 9:30 a.m. Spring meeting of the Senate in Lister Hall.

- Last day for receiving applications for admission to the 1974-75 BLS program from applicants with degrees from universities outside Canada.
- 9 a.m. Meeting of the Board of Governors.
- 2 p.m. Meeting of the Council of the Faculty of Graduate Studies and Research.

- Last day for applications for supplemental examinations written in April.
- 9 a.m. Meeting of the Campus Development Committee.

- Last day of lectures for second-year Civil and Mining engineering students.

- Second term Reading Week and second term recess end.

- 4:45 p.m. Meeting of departmental representatives of the Non-Academic Staff Association.
- 7:30 p.m. Meeting of the Council of the Graduate Students' Association.

- 2 p.m. Special meeting of General Faculties Council to discuss the Report of the Committee on Student Stress.

- 7:30 p.m. Meeting of the Council on Student Affairs.

- 2:30 p.m. Meeting of the Deans' Council.

- 9 a.m. Meeting of the Academic Development Committee.

- 9 a.m. Meeting of the Academic Development Committee.
- 1:30 p.m. Meeting of the University Planning Committee.

- 4 p.m. Meeting of the Nominating Committee of General Faculties Council.

- 2 p.m. Meeting of General Faculties Council.



# March



## A NICE PLACE TO VISIT

For almost five years now The University of Alberta has operated a summer rental program that subsidizes, to an extent, students living in the residence halls during the winter session. The program had previously existed only on a small scale but was expanded under the direction of J. W. RAVEN, Director of Housing and Food Services.

Rooms in the Lister Hall complex that would normally remain vacant from May through August are rented to tourists at rates competitive with those offered elsewhere in Edmonton. Last summer 16,000 visitors paid approximately \$250,000 for accommodation in the residence halls here.

Similar operations at other campuses in North America are described in the *Guide to Low-Cost Vacations and Lodgings on College Campuses*. The majority of the entries in the guide are for colleges and universities in the United States. The Canadian institutions mentioned are: The University of Calgary; Brandon University (Manitoba); University of Guelph, Carleton University, University of Ottawa, Centre for Christian Studies, and Victoria University (all in Ontario); Loyola College, McGill University, and Montreal University (Quebec); and the Lutheran Theological Seminary at the University of Saskatchewan in Saskatoon.

The book describes the geographic location of each institution and provides a limited list of activities and facilities located on campus or nearby. It also lists the dates of each institution's summer rental program and gives the name and address of the person to whom inquiries and reservations should be sent.

Copies of the guide may be obtained for \$4.50 by writing to: Mort's Guide, CMG Publications Inc., Box 630, Princeton, New Jersey, USA 08540.

## ENQUIRY INTO GRADUATE STUDIES

The Canada Council has announced its decision to set up an independent commission to enquire into the state of Canadian graduate studies in the humanities and social sciences.

The commission is expected to begin its work in late spring. Its terms of reference will be defined by the Canada Council in consultation with the commissioners and will be announced at a later date. The commission will hold public hearings across Canada, and the findings will be published by the Council.

ANDRE FORTIER, Director of the Canada Council, has said the enquiry was prompted by the increasing uncertainty as to the

purposes, effectiveness, and general orientation of graduate studies in the light of present-day needs and conditions. He also referred to the changing attitudes of students towards advanced university education, as exemplified in Canada by fluctuating enrolments at the doctoral level during the past three years. Mr. Fortier said the Council has a direct interest in the commission's work since a large part of its budget for the humanities and social sciences is devoted to assisting graduate students.

The commission will be headed by DENNIS HEALY, Principal and Vice-Chancellor of Bishop's University in Lennoxville, Quebec. The other commissioners have not yet been named.

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## NOTICES

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### FORUM ON ENERGY

The Faculty of Agriculture and Forestry is conducting a forum on "The energy issue—a turning point?" on Monday, March 4 at 5:30 p.m. The topic will be introduced by F. V. MAC HARDY, Dean of the Faculty. Tea and coffee will be served from 5 p.m.

Those interested in attending are asked to telephone the Dean's office, 432-4931, before February 28.

### FACULTY OF ENVIRONMENTAL DESIGN, THE UNIVERSITY OF CALGARY

Students interested in admission to the Faculty of Environmental Design at The University of Calgary are invited to meet representatives of the Faculty on Friday, February 22, 1974, between 10:30 a.m. and 5 p.m. in room 104, Students' Union Building. Students planning to apply for admission in September 1974 or those preparing for later admission are urged to attend.

### ART FAIR TO BE HELD

The Three-Aiders are sponsoring an Art Fair on behalf of Theatre 3, February 28 through March 2 at the Southgate Shopping Centre Mall.

The exhibition and sale will give Edmontonians an opportunity to purchase the works of more than 40 Canadian artists showing paintings, pottery, photographs, prints, metal sculpture, batik, copper enameling, ceramic sculpture, macramé, weaving, and silversmithing.

There will also be display artists. For example, KAY MAIS and ESTHER FREEMAN will be doing on-the-spot portraits each evening.

Further information may be obtained by calling MRS. WILF PORTH, 435-8566, or MRS. SANDY MC ARTHUR, 433-0975.

### ARTS AND CRAFTS COURSE

The Students' Union Arts and Crafts Centre is offering a course in primitive weaving for five Tuesdays, 2 to 5 p.m., beginning February 26. For further information call JANET A. MOORE, Supervisor, Arts and Crafts, 432-4547.

The SUB Arts and Crafts store has now been opened.

### PROFESSOR TO BE HONORED BY SOCIETY

The annual banquet of the Alberta Historical Society will be held this year at 6 p.m. Saturday, February 23 in the Old Timers' Cabin, 9430 Scona Road, Edmonton. The speaker will be GEORGE MC CLELLAN, Alberta's Ombudsman. The banquet brings to an end the 1974 annual meeting of the Society and tickets at \$5 each are available from MRS. HELEN LA ROSE, P.O. Box 1013, Edmonton. Everyone is invited to attend.

A highlight of the evening will be the presentation of the Historical Society of Alberta's annual Award of Merit to LEWIS H. THOMAS, Professor of History, for his outstanding contribution in the field of western Canadian history.

### RECORDER SOCIETY MEETING

A meeting of the Edmonton Recorder Society will be held Monday, February 25 at 8 p.m. at Garneau United Church, 84 Avenue and 112 Street. It will be a workshop, conducted by HARLAN GREEN.

### GRANTS FOR CONSERVATION GROUPS AVAILABLE

The White Owl Conservation Awards program, sponsored by Imperial Tobacco, will be responsible for distributing grants of up to \$2,500 on a near-monthly basis throughout 1974. These are intended to provide the means for groups and individuals across Canada to carry out projects that are directly related to environmental improvement. Such projects can range in scope from books, briefs, and studies to action campaigns.

The Awards Committee assigns highest points to the projects it feels will have the best impact on our ecosystems.

Applications may be submitted as frequently as desired. Forms for this purpose are available from: White Owl Conservation Awards, Imperial Tobacco, 3810 St. Antoine Street West, Montreal, Quebec H4C 1B5.

## THIS WEEK AND NEXT

Listings must reach the Editor by 9 a.m. the Friday prior to publication. Written notification is preferred. Compiled by NORMA GUTTERIDGE, 432-4991.

### 21 FEBRUARY, THURSDAY

#### Student Cinema

6:30 and 9 p.m. *Class of '44*. Students' Union Theatre. Admission 50 cents in advance at SUB Information Desk, or \$1 at the door.

#### Alliance Francaise d'Edmonton

8 p.m. "Recital de chanson courtoises" avec textes de Climent Marst, Joachim du Bellay, Pierre de Rousard, etc., par le frouvère JEAN BELLIARD qui s'accompagnera à la guitare. Collège Universitaire Saint-Jean, 8406 91e rue.

#### Television Program 'Prenatal Care'

8 p.m. First program in new series. "Discovery of pregnancy" looks at the prenatal courses given at most hospitals in Alberta. ACCESS North TV. Cable 13.

#### Medieval and Renaissance Guild

8:15 p.m. "The Lincean Academy: precursor of the Royal Society. Dialogue between scientists—an indispensable stage in the evolution of modern science," by MARION NORMAN, Associate Professor of English. Henry Marshall Tory Building, room 14-9.

### 22 FEBRUARY, FRIDAY

#### Volleyball

And 23 February, Saturday. Golden Bears host the Canadian Inter-collegiate Athletic Union Championships. Teams representing all five Canadian conferences will be in attendance.

Main Gymnasium. Friday. 10 a.m. to 6 p.m. Saturday. 9 a.m. to 12 noon. Finals at 8 p.m.

#### Basketball

And 23 February, Saturday. Golden Bears and Pandas vs. the University of British Columbia. Main Gymnasium. Friday. 6:30 p.m. Pandas; 8:30 p.m. Bears. Saturday. 1 p.m. Pandas; 3 p.m. Bears.

#### Faculty Club

Downstairs. TGIF—Middle East. Shishkebab, musakka'a, chels, tabbouleh, flat bread, baboosa. \$3.25. Dancing to Cameron & Co., 9 p.m. until midnight.

Upstairs. Regular dinner menu.

#### Student Cinema

6:30 and 9 p.m. The original *Lost Horizon* starring Ronald Coleman. Students' Union Theatre. Admission 50 cents in advance at SUB Information Desk, or \$1 at the door.

#### 'Filmmaker'

7:30 p.m. Interviews with NORMAN YATES and CHARLES WESTERN of the Department of Art and Design; also the entire eight-minute film "Hot paint" made by them in 1973. Capital Cable 10C. To be repeated at 9 p.m. 26 February, Tuesday on Quality Cable 10Q.

### 23 FEBRUARY, SATURDAY

#### Faculty Club

Downstairs. Saturday Night Meat-in. Hip of beef, baked potato, salad, fruit trifle. \$3.25. Upstairs. Regular dinner menu served 6 to 10 p.m., dancing 9 p.m. until midnight to Cameron & Co.

#### Student Cinema

And 24 February, Sunday. 6:30 and 9 p.m. Robert Redford in *Jeremiah Johnson*. Students' Union Theatre. Admission 50 cents in advance at SUB Information Desk, or \$1 at the door.

#### Hindu Society of Alberta

8 p.m. A multicultural evening of music and dance from all over the world. Jubilee Auditorium. Free tickets available from M. P. SHARMA, Department of Plant Science; the Hindu Society, Box 291, The University of Alberta; or at the door.

### 24 FEBRUARY, SUNDAY

#### Hindu Society of Alberta

12:30 p.m. Indian classical dances performed by KALPALATHA and her troupe. Jubilee Auditorium, social room. Admission \$1, children under 12 years 50 cents. Tickets at the door.

### 25 FEBRUARY, MONDAY

#### Edmonton Film Society

8 p.m. *Capricious Summer* (Czechoslovakia, 1968) directed by Jiri Menzel. International Series. Students' Union Theatre.

#### Television Program 'Family of Man'

8:30 p.m. The second program in this BBC series looks at the mother-child relationship in various parts of the world and at how children are educated for adult life. ACCESS North TV. Channel 13.

### 26 FEBRUARY, TUESDAY

#### Population Studies Seminar

4 p.m. "Social stratification in 18th century France: possibilities for an historical demographic analysis" by N. W. MOGENSEN, post-doctoral fellow in the Department of History. Henry Marshall Tory Building, conference room, 5-15.

#### Television Program 'Work and Leisure in Alberta'

8 p.m. FATHER SPICER and the REVEREND EWRAT talk to host ALEXANDER MATEJKO about the spiritual content of leisure. QCTV. Channel 10.

#### Television Program 'Sexuality'

9 p.m. The second program in the series deals with children aged 6 through 11. ACCESS North TV. Channel 13.

### 27 FEBRUARY, WEDNESDAY

#### Routledge Seminar Series

3 p.m. "PREP program: new wine in old bottles" by PATRICIA AUSTIN, Professor of Physical Education. Physical Education and Recreation Centre, east wing, room E-120.

#### Faculty Club

Upstairs. Wednesday at Eight presents MERVYN HUSTON, Dean of Pharmacy and Pharmaceutical Sciences and author of *Canada EH to ZED*.

#### Edmonton Film Society

8 p.m. *Zazie Dans Le Metro* (1960) directed by Louis Malle. French Cinema series. Henry Marshall Tory Building, TL-11.

#### Address on Energy

8 p.m. "The world's energy economy" by M. KING HUBBERT, Research Geophysicist for the U.S. Geological Survey. Sponsored by the American Association of Petroleum Geologists and the Edmonton Geological Society. Physics Building, room 126. The public is invited to attend.

### 28 FEBRUARY, THURSDAY

#### Faculty Club

Downstairs. "The beer tasting." Variety of sausages, potato salad, breads and cheese. \$7.50.

#### Television Program 'Prenatal Care'

8 p.m. II. "Pre-natal nutrition" introduces the pregnant woman to basic nutritional concepts and emphasizes that good nutrition need not be expensive. ACCESS North TV. Channel 13.

### 1 MARCH, FRIDAY

#### Faculty Club

Downstairs. TGIF—Hungarian Night. Marha pörkölt, galuska, riz-bizi, uborka saláta, csalamádé, dobos torta, turós palacsinta. \$3.25. Wines: egri bikavér and debrői hárslevelű. Hungarian folk songs and music, and dancing to Cameron & Co. Upstairs. Regular dinner menu.

### 2 MARCH, SATURDAY

#### Saturday Forum

10 to 11:50 a.m. The last meeting of the 1973-74 series. "False love, true love, death, and faith: some reflections on the theology



of Anders Nygren" by NICHOLAS WICKENDEN, Associate Professor of History. Henry Marshall Tory Building, room 14-6.

#### Faculty Club

*Downstairs.* Saturday Night Meat-in. Hip of beef, baked potato, green salad, dessert. \$3.25. *Upstairs.* Regular dinner menu served 6 to 10 p.m., dancing 9 p.m. until midnight to the Sound Investment.

#### Edmonton Symphony Orchestra

8:30 p.m. *And 3 March, Sunday at 2:30 p.m.* Conductor: PIERRE HETU; guest artist: YONG UCK KIM, violinist. Program includes: Concerto for Violin and Orchestra in D, Beethoven; Symphony no. 38 in D ("The Prague"), Mozart; Classical Symphony in D, Prokofiev. Jubilee Auditorium.

## EXHIBITIONS AND PLAYS

#### University Art Gallery and Museum

*Until 28 February.* "DON MABIE and WENDY TOOGOOD—quilts and drawings." "JACQUES HNZIDOVSKY—an exhibition of thirty woodcuts by the Ukrainian master printmaker."

#### Edmonton Art Gallery

*Until 1 March.* "Canada x Ten." Paintings by 10 relatively new Canadian painters: five from western and five from eastern Canada.

*Until 28 February.* "John Heliker: drawing and watercolors." (Exhibition organized with the co-operation of Kraushaar Galleries, New York.)

*Until 28 February.* "Goya: disasters of war." Etchings made between 1808 and 1814 in response to the Napoleonic invasion of Spain.

#### Latitude 53 Gallery

*Until 28 February.* "WHYNONA and NORMAN YATES—paintings and weaving." 10048 101A Avenue. Gallery hours: 12 noon to 5 p.m. Tuesday to Saturday; 7 to 9 p.m. Thursday.

#### Hindu Society of Alberta

*23 through 26 February.* Exhibition stalls featuring several countries. Jubilee Auditorium, club room. 23 February, 6 to 8 p.m.; 24 February, 1 to 8 p.m.; 25 and 26 February, 1 to 4 p.m.

#### Theatre 3

*Until 3 March.* Curtain times: Tuesday, Wednesday, Thursday, Friday, 8:30 p.m.; Saturday 7 and 10:30 p.m.; Sunday 2 and 7:30 p.m. Two Canadian one-act plays—*Sylvia* by JAMES OSBORNE and *Dismissal Leading to Lustfulness* by TOM WHYTE. Centennial Library Theatre, Sir Winston

Churchill Square. Tickets from Theatre 3, 709 9990 Jasper Avenue, Edmonton T5J 1P4, telephone 424-3488.

#### Citadel Theatre

*Until 9 March.* Curtain times: weekday evenings, except Mondays, 8:30 p.m.; Sundays, 7:30 p.m.; matinees Saturdays and Sundays, 2:30 p.m. Alan Ayckbourn's *How the Other Half Loves*. Tickets from the Citadel Box Office, 424-2828.

#### Phase II Theatre Workshop

*28 February, 1, 2, 3, 7, 8, 9, and 10 March.* Curtain time: evenings at 8:30. Edward Percy's suspense/mystery play *The Shop at Sly Corner*, directed by RAY HUNT. The Theatre Beside, Victoria Composite High School. Admission \$2. Tickets from the Bay Box Offices, downtown, Londonderry, and Southgate.

## POSITIONS VACANT

### NON-ACADEMIC STAFF

*Applicants are sought for the following positions. The Office of Personnel Services and Staff Relations (Room 121, Administration Building) will provide further details to interested persons, who are not to approach the department directly.*

Cashier (\$323-\$412)—Bookstore  
Sales Clerk (\$323-\$412)—Bookstore  
Clerk (\$323-\$412)—University Health Service  
Clerk Typist I (\$323-\$412)—Office of the Comptroller  
Clerk Typist II (\$354-\$453)—Bookstore; Extension;  
Civil Engineering; Industrial and Vocational Education  
Clerk Steno II (\$372-\$475)—Pathology; Dentistry  
Clerk Steno III (\$431-\$549)—Paediatrics  
Payroll Clerk I (2 positions) (\$354-\$453)—Office of the Comptroller  
Student Record Processing Clerk (\$431-\$549)—Office of the Registrar  
Dental Assistant (\$392-\$499)—Dentistry  
Electronics Technician I (\$549-\$701)—Chemistry  
Biochemical Technologist I (\$606-\$773)—Cancer Research Unit  
Assistant Herdsman (\$523-\$668)—Animal Science  
Chemical Technologist I (\$606-\$773)—Household Economics  
Bacteriology Technologist III (\$736-\$939)—Microbiology  
Laboratory Assistant II (\$392-\$499)—Anatomy  
Chemical Technician I (\$523-\$668)—Animal Science  
Biochemical Technician I (temporary—March 31, 1974) (\$523-\$668)—Microbiology  
Ranch Manager (\$812-\$1,036)—Animal Science

### ACADEMIC STAFF

ADMINISTRATIVE OFFICER  
FACULTY OF MEDICINE

*The job:* this is a challenging senior administrative position reporting to the Dean. The incumbent is responsible for the co-ordination and submission of all

capital and operating budgets, the administration of the budget and faculty trust accounts, finance and statistical reports, and cost studies related to medical education. Other duties include the supervision of preparation of academic appointment documentation, and acting as secretary to faculty, inter-departmental, and other committees. *Qualifications:* Master of Business Administration or Master of Health Services Administration; BCom, CA, or equivalent professional and related experience. Strong accounting, statistical, staff management, and communications experience is important. Health Services experience would be an asset. *Salary:* negotiable and commensurate with qualifications and experience. Professional benefits and conditions will apply. *For further information:* see the Director of Personnel Services and Staff Relations, 121 Administration Building, The University of Alberta.

### SUMMER EMPLOYMENT OPPORTUNITIES

THE INTERDISCIPLINARY COMMITTEE FOR ENVIRONMENTAL QUALITY (ICEQ)  
STUDY OF SOLID WASTE (WASTE RESOURCES)  
EDMONTON

*Two Research Assistants*, preferably at the MSc level, are required to complete this urgent study in approximately three months starting sometime after April 15, 1974. Should have background in resource economics and systems, and energy pattern flows and must be dedicated to the cause of environmental quality. Should be able to work, evaluate, and write efficiently under minimum supervision. Salary negotiable depending on experience. *One Clerk Stenographer* required, preferably with good typing speed on IBM machines and with experience on dictaphones. Should be able to initiate own correspondence and telephone research and work closely with the research assistants under minimum supervision. Must be dedicated to the cause of environmental quality. Salary negotiable depending on experience. *For further information:* write or call DENNIS WIGHTON, Department of Genetics, The University of Alberta, telephone 432-3606.

# FOLIO

#### THE UNIVERSITY OF ALBERTA, EDMONTON, ALBERTA

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Marcy Davies, Editor

*FOLIO Policy Committee:* E. D. Hodgson (Professor of Educational Administration), J. W. Carmichael (Professor of Bacteriology), and Aylmer A. Ryan (Provost and Executive Assistant to the President)

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*Business Manager:* A. S. Knowler (Chief Accountant, Office of the Comptroller)

**FOLIO OFFICE** Telephone 432-4991  
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## GRADUATE SCHOLARSHIPS AND AWARDS

*Notices regarding other awards and scholarships are posted on the bulletin board in the rotunda of the Administration Building. All enquiries should be directed to L. HENDERSON, Administrator of Student Awards, 122 Administration Building, telephone 432-3495.*

### CANADA-MEXICO EXCHANGE PROGRAM FOR YOUNG SPECIALISTS AND TECHNICIANS

*Value:* the Canadian and Mexican governments will pay all expenses on a reciprocal basis. *Duration:* traineeships will vary from four to twelve months. It is expected that they will begin in early September, 1974. *Possible training areas:* mainly government services, most industrial and manufacturing fields, archaeology, and arts and crafts. Each applicant will be required to submit a training plan, comprising training and work periods. This will be studied by both Canadian and Mexican officials. *Eligibility:* applicants must (1) be Canadian citizens; (2) be between 18 and 30 years of age; (3) have a basic knowledge of Spanish; (4) possess a degree from a university or a recognized diploma from a technical high school. (Students graduating in the spring of 1974 may apply but academic transcripts or a certified copy of the diploma/certificate must be submitted before June 1, 1974.) *Closing date:* February 28, 1974. *Write to:* Canada-Mexico Exchange Program for Young Specialists and Technicians, Department of Manpower and Immigration, 305 Rideau Street, Ottawa, Ontario K1A 0J9.

### CANADA EMERGENCY MEASURES ORGANIZATION RESEARCH FELLOWSHIP

*Value:* \$5,500 per annum, plus tuition and compulsory fees, for a maximum of three years. *Duration:* to complete the graduate degree for which the award is made. *Number:* one, offered annually. *Field of study:* study of human behavior under stress, focusing on reactions of groups and organizations in community-wide emergencies such as civil disorders: natural, industrial, and other disasters; as well as laboratory simulation of real-life stress situations. *Where tenable:* Disaster Research Centre, Ohio State University, Columbus, Ohio, U.S.A. *Conditions:* preference will be given to Canadian residents who hold a master's degree in Sociology or other suitable discipline. *Write to:* Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1. *Closing date:* March 1, 1974.

### LEVER BROTHERS LIMITED BILINGUAL EXCHANGE FELLOWSHIP IN BUSINESS ADMINISTRATION

*Value:* \$7,000 paid over a period of two years or the equivalent, plus summer employment. The winner must provide proof of satisfactory academic progress during the tenure of the award. *Number:* up to two fellowships awarded annually—one to a French-language candidate and one to an English-language candidate. *Where tenable:* any Canadian university which is a member or affiliated to a member of the Association of Universities and Colleges of Canada (AUCC) granting an MBA degree. English-language winners will be required to attend a Canadian French-language university.

French-language winners will be required to attend a Canadian English-language university. *Field of study:* business administration leading to an MBA degree. *Summer employment:* employment for one summer is guaranteed by Lever Brothers Ltd. to fellowship participants. This period of employment will normally be taken between the first and second year of the tenure and will be of an interesting and challenging nature. *Conditions:* candidates must be Canadian citizens. Preference will be given to those under 30 years of age who have clearly demonstrated proficiency in the language of the institution they wish to attend. Selection, which is administered through AUCC, will be based on extra-curricular activities, letters of reference, reasons for wishing to study in a language other than their own etc., as well as academic merit. *Further information and application forms from:* Director of Awards, Association of Universities and Colleges of Canada, 151 Slater Street, Ottawa, Ontario K1P 5N1. *Closing date:* March 1, 1974.

## PERSONAL NOTICES

*Notices must be received by 9 a.m. the Friday prior to publication. Rate is ten cents per word for the first insertion and five cents per word for subsequent insertions ordered with the first. Minimum charge is \$1. To avoid billing, notices MUST BE PAID IN ADVANCE. For assistance or order blanks, telephone 432-4991.*

### Accommodation available

- FOR RENT—Remodelled three-bedroom home; large carpeted living/dining rooms; \$230. 97 Street—83 Avenue. 433-2658 evenings.
- TO RENT—Large family house; four bedrooms, rumpus, two bathrooms. Extensive yard; double garage. Belgravia bus terminus. Phone 436-4416.
- FOR RENT—Furnished, four-bedroom split-level. Family room with fireplace; study. To lease one year, Summer 1974 to Summer 1975. Patricia Heights on 156 Street; quick drive to University. Telephone 487-0731.
- FOR RENT—Furnished house, Henley-on-Thames, Oxfordshire, England. Weekly, monthly; \$15 per day. Details. 433-1772.
- FOR RENT—Executive half duplex; three bedrooms, 1,400 sq. ft. Handy to schools, shopping, buses. \$200 monthly. Available immediately. Fearon, 466-9836.
- FOR RENT—London, England, two-bedroom luxury flat, completely furnished, in Regent's Park. Very central. Available March 1. Telephone 452-8383.
- FOR LEASE—Split level home, April 1974 to August 1975, furnished or unfurnished. Three bedrooms, two bathrooms, den, large family and living rooms; 1,750 sq. ft. exclusive of basement. Large lot, on a crescent, close to schools and bus. 435-6616 evenings.
- FOR LEASE—Executive home, Grandview, April 1974 - April 1976. Unfurnished or partly furnished. Three bedrooms, two fireplaces, two three- and four-piece bathrooms, library, large family-recreation room, sewing room, laundry room, double garage. 435-4025.
- FOR RENT—Three-bedroom bungalow, garage, rumpus room and bedroom in basement. July 1, 1974-August 1, 1975. \$285/mo. (negotiable). Telephone Joan Bennett, 435-1378.
- FOR SUBLEASE—March 1-June 30, or month-to-month rent, clean, two-bedroom house, McKernan. 432-5583; 435-7401 (evenings).
- FOR RENT—HILLSIDE PLAZA APARTMENT-MOTEL. Furnished accommodation, monthly, weekly or daily

with options of linens, dishes, color television, maid service, 24-hour phones. Ample parking. 9730 106 Street; telephone 429-3353.

FOR LEASE—September 1, 1974 - August 31, 1975; furnished four-bedroom home, two bathrooms, study, double garage. 439-3623 evenings.

### Automobiles and accessories

FOR SALE—Alfa Romeo, 1973 2000 GTV, wishes to dispose of owner. Interested perfectionists phone 477-3794 evenings.

### Goods and services

- FOR SALE—Ladies' suede cape. 432-4205.
- FOR SALE—Girl's bicycle, CCM, \$20; bookshelf, white, \$10; end table, \$7; 6 kitchen chairs, new, \$36, or \$6 per chair; baby stroller, \$5. Call 435-7078.
- WANTED—Typist for evening work. Doctor's office. Medical terminology preferred. Call 426-1188 mornings. Position open immediately.
- NURSERY SCHOOL CO-OP—Windsor Park Co-op is accepting applications for Fall. Call 439-2226 for 3-year-olds, 433-5939 for 4-year-olds.
- GRANDIN SCHOOL—is establishing a bilingual kindergarten (French and English) for the coming 1974-75 school year. Children must be five years old on or before February 28, 1975. For more information regarding registration contact: GRANDIN SCHOOL, 9844 110 Street, Edmonton, Alberta T5K 1J2. Telephone 482-3676.
- FOR RENT—Attractive office space adjacent to University. Ideal for social research consultants and professional groups. Support services available. 439-4921.
- CUSTOM DRESSMAKING AND DESIGNING—Phone Jacqueline, 433-4870.
- PLUMBING—FOR FREE ESTIMATES on basement bathrooms, repairs, alterations etc. call 439-4670, anytime.
- THE CHARTERS are rapidly filling up. June 16 (four and five week charters), July 21 (for three weeks) are already on a waiting list, so please don't delay further. Avoid disappointment, book now. Iris Rosen and Associates, 488-8181.
- DANCING LESSONS—given at your convenience. Telephone 433-8067.
- EXCURSION FARES—Coast to coast: how about those business trips, conferences, etc.? We arrange domestic bookings, i.e., Canada and the U.S., as well as international ones, and attend to flights, hotels, and car rentals. For further information call Iris Rosen and Associates at 488-8181.
- NOW BOOKING—J & K Hayrides. Bonfires available. 434-3835.
- SHANGHAI HOUSE—Ever tried our fried dumpling? So far over 10,000 have been served. Why not come in and request a free sampling? Besides nearly 200 different dishes, we now serve fire pot, featuring mutton, beef, pork, fish, shrimp, scallop, etc.—your choice. A delicious dish unique in the city. Open 7 days a week: Sunday-Thursday, noon-10 p.m.; Friday and Saturday, noon-midnight. SHANGHAI HOUSE, 6525 111 Street, 435-7622.
- SUMMER '74—We are now registering for Charter Flights to London and Europe. A 60-day advance booking will be in effect. For further particulars call Iris Rosen and Associates, 488-8181.
- HUB BEAUTY CENTRE—offers complete beauty service: permanent eyelashes, facials, manicures, style cut, etc.
- FOR SALE—Eskimo carvings; private collection. \$45 to \$450. 453-2989.

# The University of Alberta on the air

CKUA 580 kc. - 98.1 mc.

## 1 March, Friday

7:45 p.m. Radio talks—by DEREK WILSON, Associate Professor of Elementary Education, History, and Geology.

## 2 March, Saturday

6:45 p.m. Music hour—Mass in G Minor, Vaughan-Williams; Serenade in C Major op. 48, Tchaikovsky.

## 4 March, Monday

6:45 p.m. Music hour—Semele, Handel.

## 5 March, Tuesday

6:45 p.m. Music hour—Passacaglia and Fugue in C Minor, J. S. Bach; 12 Miniatures for Voice and Trio, Somers; Overture Cockaigne, Elgar; Shepherd on the Rock, Schubert.

7:45 p.m. Radio talks—“The Sayer Trail, 1849—the country-born” by JOHN FOSTER, Assistant Professor of History.

## 6 March, Wednesday

6:45 p.m. Music hour—Piano Quartet K. 493, Mozart; Wind Quintet no. 3 in F Major, Cambini; Serenade for Strings in E Minor, op. 20, Elgar.

7:45 p.m. Radio talks—“Philosophy looks at religion—part I” by MURDITH MC LEAN, Assistant Professor of Philosophy.

10:30 p.m. Panel discussions—moderated by JOHN FOSTER, Assistant Professor of History.

## 7 March, Thursday

6:45 p.m. Music hour—“Pastoral” Symphony no. 6, Beethoven; Trumpet Concerto in E flat Major, Haydn.

7:45 p.m. Radio talks—“Revolution: man's impossible dream—(1)” by DENNIS GODFREY, Professor of English.

## 8 March, Friday

7:45 p.m. Radio talks—“There's many a slip” by CHARLES HEATH, Associate Professor of Pharmacology.

## 9 March, Saturday

6:45 p.m. Music hour—Cantata Academica, Britten; Pulcinella Suite, Stravinsky; Armelie Waltz.

## 11 March, Monday

6:45 p.m. Music hour—*Turandot* (highlights), Puccini.

7:45 p.m. Radio talks—“Theatre review” by JOHN BILSLAND, Professor of English.

## 12 March, Tuesday

6:45 p.m. Music hour—Organ Sonata in F Minor Mendelssohn; Five Part-songs for Voices and Piano, Jean Coulthard; Tragic Overture, Brahms; 4 Etudes for Orchestra, Stravinsky.

7:45 p.m. Radio talks—“Little Arthur's England” by JOHN ORRELL, Professor of English.

## 13 March, Wednesday

6:45 p.m. Music hour—Quartet no. 17 in B flat Major K. 458, Mozart; Quartet in B flat Major for Winds with Piano, Ponchielli; Vision's Fugitives, Prokofiev.

7:45 p.m. Radio talks—“Philosophy looks at religion—(2)” by MURDITH MC LEAN, Assistant Professor of Philosophy.

10:30 p.m. Panel discussion—moderated by JOHN FOSTER, Assistant Professor of History.

## 14 March, Thursday

6:45 p.m. Music hour—“Italian” Symphony no. 4, Mendelssohn; Violin Concerto no. 6 K. 271a, Mozart.

7:45 p.m. Radio talks—“Revolution: man's impossible dream—(2)” by DENNIS GODFREY, Professor of English.

## 15 March, Friday

7:45 p.m. Radio talks—“Drugs from dirt” by CHARLES HEATH, Associate Professor of Pharmacology.

## 16 March, Saturday

6:45 p.m. Music hour—The Seasons, Vivaldi; Concert Pieces, Couperin.

## 18 March, Monday

6:45 p.m. Music hour—*The Barber of Seville* (highlights), Rossini.

7:45 p.m. Radio talks—“The Antigone of Sophocles—a hymn to man” by GORDON PEACOCK, Professor of Drama.

## 19 March, Tuesday

6:45 p.m. Music hour—Sonata in A Minor, C.P.E. Bach; Elegiac Variations for Cello and Piano, Tovey; 1812 Overture, Tchaikovsky; A la Clair Fontaine, Farnon; On the Beautiful Blue Danube, J. Strauss.

7:45 p.m. Radio talks—“Aspects of human rights—part 3” by LESLIE GREEN, University Professor in Political Science.

## 20 March, Wednesday

6:45 p.m. Music hour—Quartet no. 14 in G Major K. 387, Mozart; Concerto in F Major for Oboe, Strings, and Continuo, Vivaldi; Divertimento in E “Echo,” Haydn.

7:45 p.m. Radio talks—“Philosophy looks at religion—(3)” by MURDITH MC LEAN, Assistant Professor of Philosophy.

10:30 p.m. Panel discussion—moderated by JOHN FOSTER, Assistant Professor of History.

## 21 March, Thursday

6:45 p.m. Music hour—Symphony no. 2, Schumann; Derivations for Clarinet and Band, Gould.

7:45 p.m. Radio talks—“Revolution: man's impossible dream—(3)” by DENNIS GODFREY, Professor of English.

## 22 March, Friday

7:45 p.m. Radio talks—“The Bach dynasty” by BRIAN HARRIS, Lecturer, Department of Music.

## 23 March, Saturday

6:45 p.m. Music hour—Mass in Four Parts, Byrd; Suite Provencale, Milhaud; Slavonic Dance no. 10 op. 72 no. 2, Dvorak; Fete Polonaise, Chabrier.

## 25 March, Monday

6:45 p.m. Music hour—Persephone, Stravinsky.

7:45 p.m. Radio talks—“Alberta poets” by BILL MEILEN, Associate Professor of Drama.

## 26 March, Tuesday

6:45 p.m. Music hour—Dorvland and Byrd Lute Music played by Julian Bream; Sonata for 2 pianos, Hetu; Manfred Overture, Schumann; Galop, Waltz, and Danzon (from Fancy Free), Bernstein.

7:45 p.m. Radio talks—“Romantic view of Pope” by JOHN BILSLAND, Professor of English.

## 27 March, Wednesday

6:45 p.m. Music hour—Piano Quartet K. 478, Mozart; Sonata in C Minor for Oboe and Continuo, Telemann; Six Themes and Variations for Flute, Piano op. 105, Beethoven.

7:45 p.m. Radio talks—“Philosophy looks at religion—(4)” by MURDITH MC LEAN, Assistant Professor of Philosophy.

10:30 p.m. Panel discussions—moderated by JOHN FOSTER, Assistant Professor of History.

## 28 March, Thursday

6:45 p.m. Music hour—Symphony no. 4, Beethoven; Piano Concerto in G Major, Ravel.

7:45 p.m. Radio talks—“Product's safety and the consumer” by PETER LOWN, Associate Professor of Law.

## 29 March, Friday

7:45 p.m. Radio talks—“Predators—pets or prisoners?” by CHARLES HEATH, Associate Professor of Pharmacology.

## 30 March, Saturday

6:45 p.m. Music hour—Gloria, Vivaldi; Concerto no. 6 for Harp and Lute, Handel; Suite no. 2 in F Major for Military Band, Holst.

SPORTCAST (University sports) by TERRY VALERIEATE, Monday, Wednesday, and Friday, 12:40 p.m.

TELEVISION, CFRN-TV, Channel 3, Monday through Friday, at 6:00 a.m. *University of the Air*—various Canadian universities present a half hour of varied educational fare.